

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-207838

(43)Date of publication of application : 13.08.1996

(51)Int.Cl.

B62D 55/104

(21)Application number : 07-013669

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(22)Date of filing : 31.01.1995

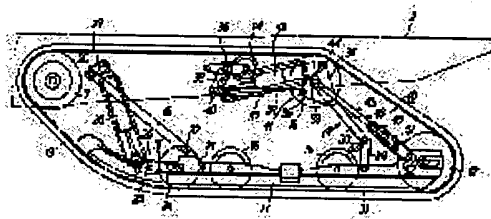
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## (54) SUSPENSION SYSTEM FOR SNOWMOBIL

### (57)Abstract:

**PURPOSE:** To prevent bounding of body by regulating excess pitching of a slide rail by fitting a control rod which is allowed to telescopically move only predetermined amount between a vehicle frame near a link mechanism and the slide rail.

**CONSTITUTION:** A pair of right and left control rods 45, is slantingly fitted along the longitudinal direction of a body between the rear portion of a vehicular body frame 2 near a link mechanism 19 and a slide rail 11. With regard to the control rod 45, one end of a rod 46 as a portion of the same rod 45 is fastened to a shaft 33 fixed on the body frame 2, and the other end of the rod 46 is slidably inserted to a cylindrical guide member 47 connected to a side rail 11, and further stoppers are mounted on a part of the rod 46 where a guide element 47 is interposed between the stoppers. The control rod 45 can move telescopically only within a gap between the stoppers and guide element 47. Then, even when a snowmobile passes over gradual undulations and local projections formed on a snow surface, the slide rail 11 optimally pitches within an expansion and contraction range of the control rod 45, allowing the track belt 13 to secure earthing.



## LEGAL STATUS

[Date of request for examination] 21.03.2000  
[Date of sending the examiner's decision of rejection]  
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
[Date of final disposal for application]  
[Patent number] 3245314  
[Date of registration] 26.10.2001  
[Number of appeal against examiner's decision of rejection]  
[Date of requesting appeal against examiner's decision of rejection]  
[Date of extinction of right]

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